

# TIF \$\$ to Education

Presentation May 16, 2016

# iGrad

**iGrad** is a unique program embedded in Bartholomew County schools with the goal of achieving a high school graduation rate of 100%. iGrad serves students with academic barriers in 8<sup>th</sup> through 12<sup>th</sup> grades, focusing on increasing educational attainment by providing academic support and mentoring to students who have been identified as at risk for not completing high school. The program strives to ensure students receive the academic, social, and other support needed to successfully complete high school and enter post-secondary education or careers by connecting students to job readiness skills through post-secondary education, internship, and co-op relationships with area business. iGrad currently serves 535 BCSC students. The annual BCSC annual contribution to the iGrad program is

**\$253,825**

	actual <u>2014/15</u>	actual <u>2015/16</u>	est. <u>2016/17</u>	est. <u>2017/18</u>	est. <u>2018/19</u>	est. <u>2019/20</u>	
STUDENTS SERVED	525	600	600	650	650	700	
TEAM LEADERS	2	2	2	2	2	2	
IGRAD COACHES	10	11	11	12	12	13	
COLLEGE/CAREER COACHES	0	2	2	3	3	4	
PROGRAM DIRECTOR	0	1	1	1	1	1	
ASST. DIRECTOR	0	0	1	1	1	1	
BUDGET	\$ 386,120	\$ 527,651	\$ 599,151	\$ 640,008	\$ 640,008	\$ 680,865	
COMMUNITY SUPPORT	\$ 386,120	\$ 279,356	\$ 284,448	\$ 286,805	\$ 244,005	\$ 209,476	
OTHER SCHOOLS \$\$ SHARE	\$ -	\$ 90,000	\$ 105,000	\$ 110,000	\$ 140,000	\$ 165,000	
BCSC % SHARE	0%	30%	35%	38%	40%	45%	
							Ave. of Next 4 Years
BCSC \$\$ SHARE	\$ -	\$ 158,295	\$ 209,703	\$ 243,203	\$ 256,003	\$ 306,389	\$ 253,825

# STEM

**STEM** is the acronym of science, technology, engineering, and mathematics. Although the four parts of STEM have been taught independently of each other through the years, the adoption of the STEM philosophy allows the four parts to all play an integral part in the teaching of the whole. STEM education is an integrated, interdisciplinary approach to learning. It provides hands-on and relevant learning experiences for students. STEM engages students and equips them with critical thinking, problem solving, and creative and collaborative skills that help them establish connections between school, the work place, community, and the global economy. The STEM Seamless Pathways Project has been developed through an initiative with the Community Education Coalition and EcO15 to address local advanced manufacturing needs. This Project enables our students to develop the knowledge-base, skills, and qualifications necessary to meet the local demand for jobs in the fields of mechanical engineering and manufacturing engineering technology. Funds will be used in the promotion of STEM Seamless Pathways in the following areas:

- Marketing the promotion of STEM Seamless Pathways - \$30,000
- Capital Projects to support STEM Seamless Pathways work - \$395,000
- Professional Development to support STEM Seamless Pathways work - \$20,000
- Professional Services to support STEM Seamless Pathways work - \$130,000

**\$575,000**

# BUDGET FOR STEM

Promotion of STEM Seamless Pathways	\$30,000
Professional Development	\$20,000
Professional Services (incl. consultants)	\$130,000
Equipment Needs- Capital Projects	<u>\$394,963</u>
TOTAL	<u>\$574,963</u>

Description	School	Class	STE M	Price	Quantity	Total
3D Printer, Dimension SST 1200es	North	1541 - PLTW	Y	\$35,011.00	1	\$35,011.00
3D Printer, Dimension SST 1200es	East	C270 - PLTW	Y	\$35,011.00	1	\$35,011.00
3D Printer, Dimension SST 1200es	CSA New Tech	PLTW	Y	\$35,011.00	1	\$35,011.00
Color Printer, large format	North	1416 - 3D Vis	Y	\$2,699.00	1	\$2,699.00
Computer Monitors - Dell P1914S	East	C270 - PLTW	Y	\$250.00	25	\$6,250.00
Dell Precision 3620 workstations	North	1541 - PLTW	Y	\$1,500.00	30	\$45,000.00
Graphics Cards, nVidia GTX970	North	1416 - 3D Vis	Y	\$325.00	24	\$7,800.00
Laser Engraver, Trotec	East	C270 - PLTW	Y	\$22,000.00	1	\$22,000.00
Lathe, Sharp 1440	North	1532 - Machine Trades	Y	\$20,885.00	4	\$83,540.00
Levil Desktop CNC Mill	East	C270 - PLTW	Y	\$39,600.00	1	\$39,600.00
PlasmaCAD software upgrade	North	1536 - Welding	Y	\$1,995.00	1	\$1,995.00
Solid State Drives for workstations	North	1420 - Architecture	Y	\$224.00	30	\$6,720.00
Solid State Drives for workstations	East	C021 - TV Studio	Y	\$224.00	30	\$6,720.00
Solid State Drives for workstations	East	C270 - PLTW	Y	\$224.00	27	\$6,048.00
VR Headset, Oculus Rift	North	1416 - 3D Vis	Y	\$899.00	5	\$4,495.00
Vex Cortex Controller	CSA New Tech	PLTW	Y	\$250.00	15	\$3,750.00
Arc/Mig/Tig welders	North	1536- Welding	Y	\$9,000.00	5	\$45,000.00
Diagnostic Scanner	East	I035 - Automotive	Y	\$8,313.00	1	\$8,313.00
				<b>TOTAL:</b>		<b>\$394,963.00</b>

# Transition Planning

**Transition Planning** helps identify a student with special needs' strengths, preferences, interests, and supports needed. It must include: instruction, related services, community experiences, employment, daily living skills and functional vocational experiences. Skills in each area are related to individual needs keeping the Universal Design for Learning framework in mind. Providing early transition planning can assist students in making connections in the community, developing work skills, and obtaining additional training necessary for employment. When we make these connections early, results can include: less students staying in school until the age of 22 because of natural supports, greater employment rates, decisions made in high school carry over into adult life, increased self-determination skills, social skills and work skills needed for job retention, and less involvement with the criminal justice system. The estimated unfunded cost of this program at the secondary level is

**\$246,796.**

# TRANSITION PLANNING BUDGET

Total Funding	\$3,002,077
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Total Expenditures	\$3,248,873
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<b>FUNDING SHORTFALL</b>	<b><u>\$-246,796</u></b>
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